



GENOMIC SCIENTIST

- Leading Australian Cereal Breeder
- Vibrant working environment with a strong team culture
- Opportunity to make a difference
- Location Perth Western Australia

For more information
Contact:

Amanda Booth
19 Ambitious Link
BIBRA LAKE WA 6163
abooth@intergrain.com
(08) 9419 8008

ABOUT US

InterGrain Pty Ltd is a world class plant breeding company currently experiencing significant growth. Our mission is to support the competitive advantage and sustainability of the Australian agriculture sector by delivering market leading wheat, barley & oat varieties.

We are currently searching for a Genomic Scientist. This is an exciting role for an innovative person with an interest in delivering impact to the Australian grains industry.

THE ROLE

Genomic Scientist- Applied Plant Breeding

Aligned with InterGrain's plant breeding and selection product development pipelines, you will have the opportunity to:

- Engage with dedicated teams of multi-species plant breeders and plant breeding programs with several product development targets
 - Engage with a collaborative research partnership that is currently optimising the suitability and flexibility of our genomic platform, and developing GS models. As part of this partnership, you will lead the integration of full genomic breeding into our company.
 - To migrate and manage large datasets into our company, lead development of a genomic/phenotypic data processing pipeline and implementation of front-end applications that accelerate and increase the efficiency of crop breeding program decision making processes.
 - Engage with plant breeders to continuously improve training populations
 - Initiate and lead the deployment of predictive genomic breeding to fully exploit linkage blocks via targeted haplotype breeding.
 - Engage with the broader scientific community around novel techniques and tools that will have positive impact on integrated genomic breeding.
-



GENOMIC SCIENTIST

- Leading Australian Cereal Breeder
- Vibrant working environment with a strong team culture
- Opportunity to make a difference
- Location Bibra Lake WA

The successful applicant will bring:

- Demonstrated ability to communicate and work effectively in a multi-disciplinary team and collaborate with scientists both internal and external.
- Ph.D. in either Quantitative Genetics, Plant Breeding and Genetics, Computational Biology, Data Science, or other relevant scientific fields.
- Expertise with tools for data analysis, statistical computation, and visualization (such as Python, R); programming and pipeline development skills integrating large, complex datasets from distinctive structured and unstructured sources.
- Experience with running simulation studies, and the ability to quickly acquire the knowledge of applying machine learning or other computational approaches to uncover true signal amongst large plant breeding datasets.
- Demonstrated ability to concisely document and discuss results with internal scientists and engage with strategic forward planning and alignment of genomic resources.

APPLY NOW

To apply please send a covering letter introducing yourself and addressing the selection criteria along with your resume to;

Amanda Booth - abooth@intergrain.com
